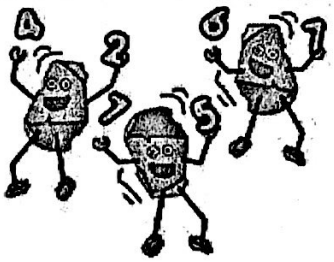
Weekly Math HOMEWORK

January 26 - 30

MATH ROCKS



DUE **TUESDAY:** "Decimal Number Match"

DUE **WEDNESDAY**: "Decimal Fraction Practice" (front and back)

DUE **FRIDAY**: "Compare Decimals" (2 pgs) **AND** "Number and Operations Review" pages

Multiplication Timed Test on Friday!

My timed test on Friday is on the _____ facts!

Name _____

Parent Signature _____

Due Tuesday!

Name: _____

Decimal Number Match

Match the number on the right with its name on the left.

_____	**1.** 356	**a.**	three and six tenths
_____	**2.** 3.5	**b.**	thirty and six tenths
_____	**3.** 3.56	**c.**	three and five tenths
_____	**4.** 30.56	**d.**	three and fifty-six hundredths
_____	**5.** 3,560	**e.**	three dollars and fifty-six cents
_____	**6.** $3.56	**f.**	three hundred fifty-six
_____	**7.** 30.6	**g.**	three thousand, five hundred sixty
_____	**8.** 30.65	**h.**	thirty and fifty-six hundredths
_____	**9.** 3.6	**i.**	thirty and sixty-five hundredths

Independent Practice

Decimal Fraction Practice (front and back)

Due Wed.

Find the sum.

Example:

(A) $\frac{9}{10} + \frac{5}{100} = \frac{95}{100}$ ($\times \frac{10}{10}$)

$\frac{90}{100} + \frac{5}{100} =$

(B) $\frac{74}{100} + \frac{2}{10} =$ _____

(C) $\frac{22}{100} + \frac{6}{10} =$ _____

(D) $\frac{2}{10} + \frac{2}{100} =$ _____

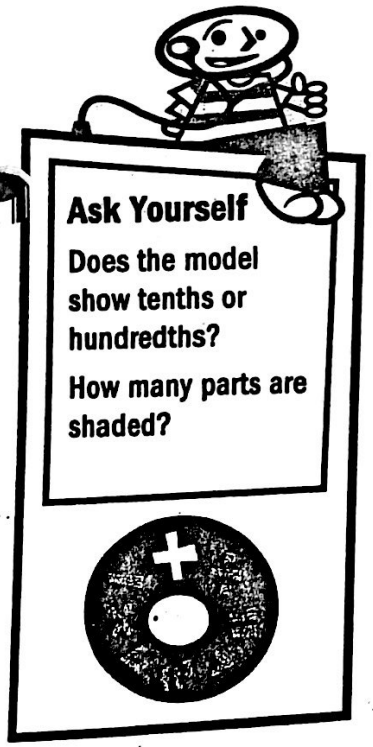
(E) $\frac{3}{10} + \frac{19}{100} =$ _____

(F) $\frac{41}{100} + \frac{5}{10} =$ _____

(G) $\frac{48}{100} + \frac{4}{10} =$ _____

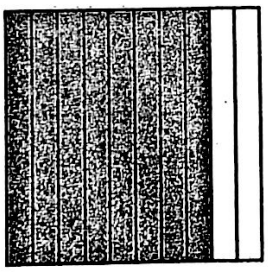
(H) $\frac{2}{10} + \frac{57}{100} =$ _____

(I) $\frac{65}{100} + \frac{2}{10} =$ _____



Write a fraction and decimal for each model.

3.



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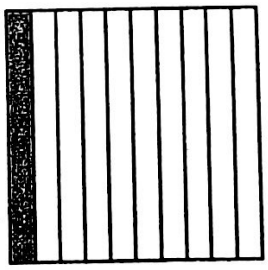
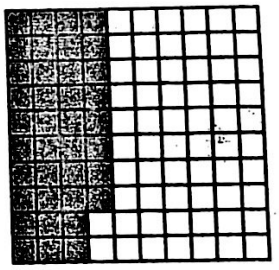
4.



_____

5.



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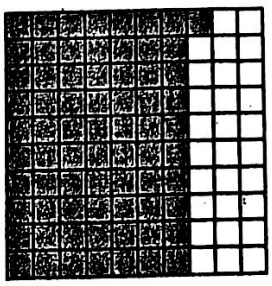
6.



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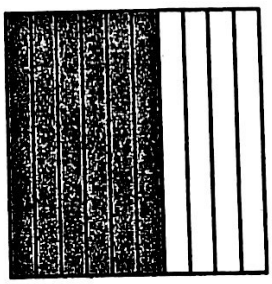
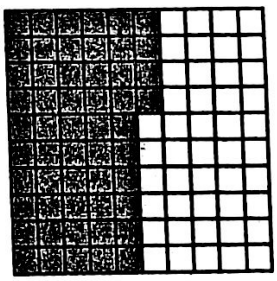
7.



_____

8.



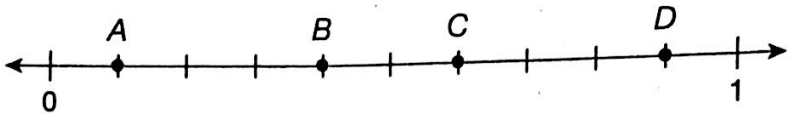
_____

9. Dexter made 91 out of 100 hits on a video game. How can he record his number of hits as a fraction and as a decimal?

_____

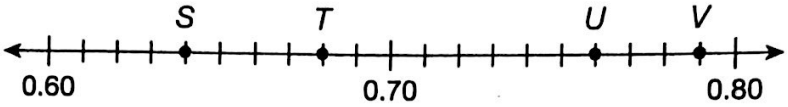
due Wednesday!

Write the decimal for each point on the number line.



10. Point *A* _____ **11.** Point *B* _____ **12.** Point *C* _____ **13.** Point *D* _____

Write the decimal for each point on the number line.



14. Point *S* _____ **15.** Point *T* _____ **16.** Point *U* _____ **17.** Point *V* _____

Write each fraction as a decimal.

18. $\frac{31}{100}$ _____ **19.** $\frac{76}{100}$ _____ **20.** $\frac{5}{10}$ _____ **21.** $\frac{9}{100}$ _____

22. $\frac{69}{100}$ _____ **23.** $\frac{33}{100}$ _____ **24.** $\frac{45}{100}$ _____ **25.** $\frac{8}{10}$ _____

Write each decimal as a fraction.

26. 0.72 _____ **27.** 0.49 _____ **28.** 0.83 _____ **29.** 0.2 _____

Solve each problem.

30. Kimberly walked 0.8 mile to Alissa's house. What is the distance Kimberly walked as a fraction?

_____

31. Lizzie made 4 out of 10 free throws at basketball practice. What is 4 out of 10 as a fraction and as a decimal?

_____

Independent Practice

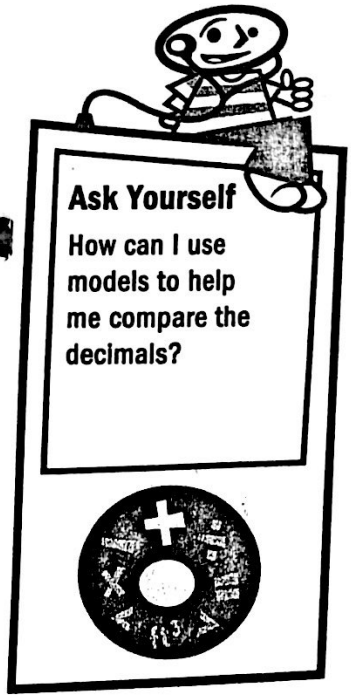
Due Friday!

1. How can you use models to compare two decimals?

Optional!

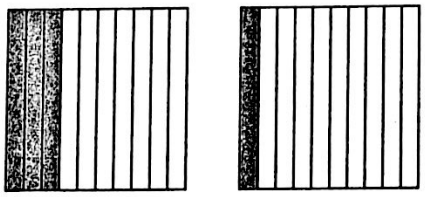
2. Why do models help in comparing decimals?

Optional!

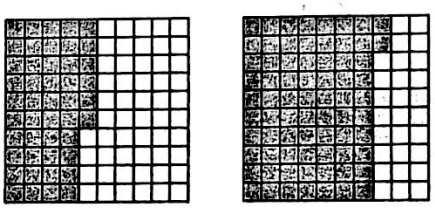


Compare. Write >, <, or =.

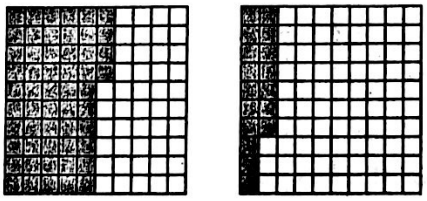
3. 0.3 ◯ 0.1



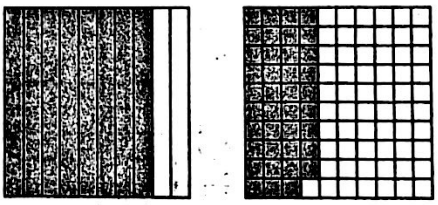
4. 0.46 ◯ 0.72



5. 0.54 ◯ 0.17



6. 0.8 ◯ 0.39

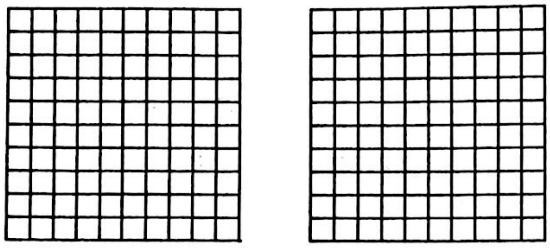


7. Rosa hiked 0.84 kilometer before taking a break. After the break, she hiked 0.79 kilometer. Which was greater, the distance hiked before the break or the distance hiked after the break?

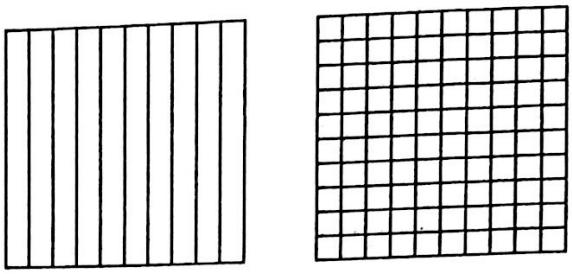
Due Friday!

Compare. Write >, <, or =.

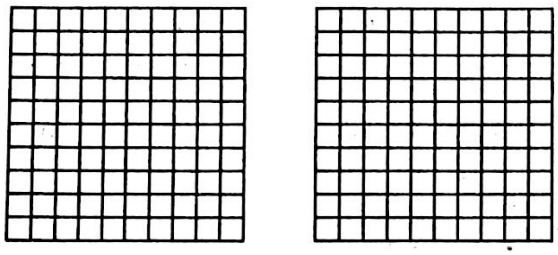
8. 0.37 ◯ 0.31



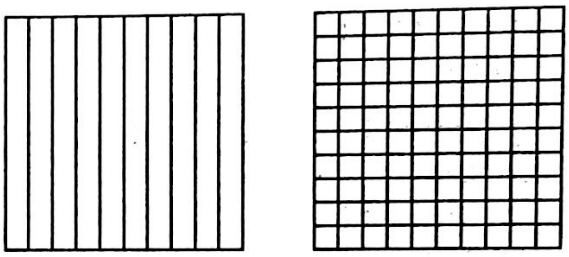
9. 0.2 ◯ 0.20



10. 0.52 ◯ 0.75



11. 0.6 ◯ 0.58



Write >, <, or = for each ◯.

12. 0.5 ◯ 0.36

13. 0.71 ◯ 0.45

14. 0.66 ◯ 0.6

Solve each problem.

15. A zucchini squash from Zoe's garden has a mass of 0.14 kilogram. An acorn squash from her garden has a mass of 0.62 kilogram. Which squash has the greater mass?

_____

16. The trail to the base of a waterfall is 0.85 kilometer. The trail to the top of the waterfall is 0.49 kilometer. Which trail is shorter?

_____

Number and Operations Review - Due Friday!

Number and Operations

Identify the place values of the underlined digits.

19. 4̲02,953.18

    a. thousands
    b. ten-thousands
    c. hundred-thousands
    d. tenths

20. 15,218.4̲7

    a. hundredths
    b. tenths
    c. hundreds
    d. ones

21. 1̲,712,399.95

    a. millions
    b. hundred-thousands
    c. ten-thousands
    d. thousands

22. 16,258.7̲3

    a. ones
    b. tens
    c. thousands
    d. tenths

Write the following numbers in expanded notation.

23. 121,635 =

24. 974,423 =

due m.

25. How would 91,635 be written in expanded form?

a. 9 x 1,000 +
1 x 1,000 +
6 x 100 +
3 x 100 +
5 x 10

b. 9 x 10,000 +
1 x 1,000 +
6 x 100 +
3 x 10 +
5 x 1

c. 9 x 10,000 +
1 x 1,000 +
6 x 100 +
3 x 100 +
5 x 10

d. 9 x 10,000 +
1 x 1,000 +
6 x 1,000 +
3 x 100 +
5 x 10

26. Which number is the same as ten thousand, six hundred forty-two and seven tenths?

a. 1,642.7
b. 16,042.7
c. 10,642.7
d. 10,064.7

27. There were four thousand, eight hundred seventy-three people at the Bridgewater Stingers' lacrosse game on Friday. Five thousand, seventy-four people were at the game on the following Saturday. Which of the following is the total attendance for these two games?

a. nine thousand, nine hundred forty-seven
b. eight thousand, nine hundred seventy-four
c. eight thousand, eight hundred forty-seven
d. nine thousand, eight hundred seventy-four

28. How would fourteen thousand, seven hundred twenty-two and ninety-one hundredths be written in standard form?

a. 17,42219
b. 14,227.91
c. 14,722.91
d. 14,272.91

due Fri.

32. In the city of Candyvale there are 26,316 customers for the paper and 24 delivery zones. What is a REASONABLE ESTIMATE of the number of customers in each zone?

a. about 500
b. about 1,100
c. about 1,500
d. about 10,000

33. Round 11,682 to the nearest hundred.

34. Round 126,407 to the nearest ten thousand.

35. Round 1,775,308 to the nearest hundred thousand.

36. A painting was sold at auction for $1,425.00. Ten years later, the price of the painting has nearly doubled. Which of the following could be the price of the painting after ten years?

a. $3,500.00
b. $2,800.00
c. $750.00
d. $1,900.00

37. Drew spent $19.98 on a book. He then spent another $38.63. Which of the following would be BEST for Drew to use to ESTIMATE the total amount of money he spent?

a. $10 + $40
b. $10 + $30
c. $20 + $30
d. $20 + $40